

Search Text	
1	(microarray or "gene array" or "gene chip" or "dna array" or "dna chip" or biochip)
2	1 and (pin or spotting)
3	1 and (pin near8 spotting)
4	2 and pin near8 (recess or concave or groove or notch or recessed or grooved or notched)
5	3 not 4
6	422/100.ccls.
7	1 and 6

Search Text	
8	7 and (pin or spotting)
9	6 and pin adj spotting
10	6 and pin near ⁴ spotting
11	6 and pin
12	6 and (recess or concave or groove or notch or recessed or grooved or notched)
13	12 and 11
14	13 and pin same (recess or concave or groove or notch or recessed or grooved or notched)

	Search Text
15	13 and tip same (recess or concave or groove or notch or recessed or grooved or notched)
16	14 or 15
17	16 and (pin or tip) near8 (recess or concave or groove or notch or recessed or grooved or notched)
18	4981783.pn. or 5525464.pn. or 5807522.pn.
19	6232129.pn.